

MONTHLY BULLETIN
OF
THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY
SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

MARCH, 1936

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MARCH 1936

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.1	56.2	54.9	56.1	21.7	16.2	17.2	20.9	17.1	18.4
2	6.1	8.1	9.4	7.9	21.1	15.7	19.8	20.2	19.3	19.8
3	60.8	60.8	61.5	61.0	20.4	13.7	17.8	20.1	15.7	17.9
4	2.8	2.7	3.6	3.0	22.0	14.5	17.2	21.1	17.4	18.6
5	4.0	2.7	2.9	3.2	21.9	13.2	17.8	20.9	16.5	18.4
6	61.8	60.2	58.1	60.0	21.3	16.1	17.7	20.2	17.6	18.5
7	56.5	59.2	60.7	59.0	22.9	13.1	19.6	20.4	15.4	18.5
8	61.5	60.2	1.2	61.0	20.1	10.1	17.2	19.4	14.6	17.1
9	2.5	2.6	2.1	2.4	16.9	10.3	10.4	12.3	12.9	11.9
10	0.8	59.9	0.2	0.3	17.1	10.1	15.3	15.9	13.1	14.8
11	58.3	58.9	60.3	59.2	16.8	9.7	13.5	16.1	10.6	13.4
12	64.4	64.9	6.2	65.2	18.2	11.6	15.0	17.7	13.2	15.3
13	7.7	6.8	7.1	7.2	19.3	14.3	16.1	18.5	14.8	16.5
14	4.4	2.3	0.1	2.3	23.0	16.3	16.7	21.9	18.6	19.1
15	1.0	0.9	1.3	1.1	20.3	13.9	18.0	18.8	15.9	17.5
16	60.4	59.7	60.9	60.3	19.4	12.5	17.1	18.6	15.2	17.3
17	2.6	62.9	4.5	3.3	20.4	13.1	13.2	19.6	14.7	15.8
18	6.1	5.4	5.4	5.6	20.1	12.8	17.7	19.2	15.9	17.6
19	4.8	3.1	3.5	3.8	21.0	13.4	17.6	19.9	15.1	17.5
20	3.5	1.8	2.5	2.6	21.4	14.2	18.7	20.7	16.1	18.5
21	61.7	61.2	61.8	61.6	18.7	11.9	14.3	18.1	13.9	15.4
22	2.2	2.0	2.1	2.1	18.3	11.9	17.1	17.2	15.5	16.6
23	4.6	4.2	4.3	4.4	21.4	12.8	18.7	20.0	13.8	17.5
24	4.6	3.3	2.7	3.5	21.5	13.9	17.2	20.9	15.6	17.9
25	0.8	59.8	58.7	59.8	21.2	13.9	18.4	19.5	17.1	18.3
26	57.5	56.5	56.0	56.7	25.1	15.9	20.2	23.8	17.4	20.5
27	4.4	3.1	4.0	3.8	26.0	16.3	22.8	24.8	17.8	21.8
28	7.5	8.5	8.8	8.3	22.4	14.6	18.4	21.3	16.0	18.6
29	9.3	8.8	8.9	9.0	22.1	15.9	18.7	21.0	16.1	18.6
30	9.3	8.7	8.8	8.9	22.0	13.4	17.6	20.9	15.9	18.1
31	8.6	9.0	60.1	59.2	19.9	12.8	14.9	19.3	15.7	16.6
	761.21	760.81	761.05	761.02	20.77	13.49	17.16	19.65	15.53	17.49

Barometer, range for month 753.1 mm. - 767.7 mm.

„ 50-yr. average for month 761.163 mm.

Thermometer, Range for month 9.7° C. - 26.0° C.

„ 50-yr. average for month 16.19° C.

Rain, total for month 31.147 mm.

„ , 50-yr. average for month 98.30 mm.

„ , total, Sept. 1st to end of month 778.140 mm.

50-yr. average, Sept 1st to end of month 826.02 mm

MARCH 1936

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	14.1	17.6	11.6	10.0	12.6	7.4	10.0	68	69	51	63	8.4	
2	17.2	18.2	16.4	12.8	14.1	12.1	13.0	74	80	72	75	6.0	
3	15.8	17.6	15.2	12.0	13.2	12.5	12.6	79	75	94	83	6.7	
4	15.8	16.2	15.8	12.5	10.8	12.2	11.8	86	58	82	75	8.3	
5	15.5	19.3	15.3	11.6	15.4	12.1	13.0	77	93	87	82	8.1	
6	15.5	17.1	13.2	11.7	12.4	8.9	11.0	78	71	59	69	10.3	0.711
7	15.4	17.4	13.2	10.5	12.8	10.0	11.1	62	71	77	70	7.7	
8	13.9	15.9	12.8	9.9	11.3	9.9	10.4	68	67	79	71	7.5	2.591
9	10.3	12.0	11.6	9.1	10.3	9.4	9.6	95	96	85	92	3.9	24.638
10	12.8	12.7	11.2	9.5	9.1	8.9	9.2	73	68	79	73	6.0	1.524
11	11.9	13.7	9.3	9.4	10.2	8.0	9.2	81	76	84	80	7.4	9.373
12	12.9	14.6	11.6	9.8	10.4	9.2	9.8	77	68	82	76	9.9	0.899
13	13.1	15.2	13.9	9.5	10.8	11.2	10.5	70	69	90	76	7.5	
14	14.5	16.5	13.2	10.9	10.7	8.5	10.0	78	55	53	62	4.0	
15	17.1	16.9	14.2	13.8	13.1	11.1	12.7	90	82	84	85	4.4	
16	15.4	15.9	13.4	12.0	11.7	10.3	11.3	83	73	81	79	6.8	
17	12.7	16.4	13.4	10.6	11.8	10.6	11.0	95	70	85	83	8.4	6.883
18	15.4	16.7	14.5	11.5	12.5	11.9	12.0	76	73	88	80	10.8	
19	15.5	16.6	14.8	11.8	11.8	11.1	11.6	78	68	88	78	10.9	
20	16.0	18.3	15.1	11.8	13.9	12.0	12.6	73	77	90	80	10.7	
21	13.2	17.8	12.1	10.7	14.9	9.4	11.7	88	96	80	88	5.7	4.445
22	13.6	12.9	12.3	9.6	8.7	8.8	9.0	67	60	67	65	11.2	
23	12.8	15.4	9.9	8.0	10.3	7.2	8.5	49	59	62	57	11.7	
24	12.8	16.6	12.7	8.6	11.3	9.3	9.7	59	61	71	64	11.5	
25	14.3	16.6	15.9	9.7	12.1	12.7	11.5	61	72	87	73	8.2	
26	17.4	17.5	14.7	12.8	11.1	10.8	11.6	73	51	73	66	11.1	
27	17.4	18.2	16.1	11.6	11.6	12.5	11.9	56	50	82	63	9.7	
28	17.3	19.2	15.1	13.9	15.0	12.1	13.7	88	79	90	86	8.4	
29	17.1	18.3	15.5	13.4	13.7	12.7	13.3	83	75	93	84	11.0	
30	15.1	16.2	13.9	11.2	10.8	10.6	10.9	74	59	80	71	6.6	
31	13.9	15.6	13.4	11.2	10.8	10.1	10.7	90	65	76	77	6.7	2.083
				11.01	11.90	10.44	11.18	75.77	70.29	79.06	75.04	8.84	1.005

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	8ci	7ci	2st	5.7	0	0	0	31.2	slight	thin F. a.m. D. a.m.
2	1cu	10stcu	9stcu	6.7	0	1s	0	136.5	light	" " p.m. thin M.
3	10st	0	0	3.3	0	2sw	0	13.9	"	" " a.m. p.m.
4	1cu	0	0	0.3	0	0	0	66.3	"	
5	0	0	0	0.0	0	0	0	52.8	slight	heavy D. a.m.
6	0	4stci	8stcu	4.0	1w	1e	0	73.0	"	thin M. a.m.
7	5stcu	1cu	5cu	3.7	4s	1sw	0	436.3	mod.	" F.a.m., p.m. S.w.g.
8	1cu	2stci	8stcu	3.7	1w	3sw	1sw	443.1	light	" " " " eve. "
9	10stni	8ni	7stcu	8.3	1s	0	2s	424.7	mod.	" " " " T.a.m.
10	8ci	1cu	6stcu	5.0	0	0	0	256.2	light	F.a.m.p.m.L.p.m.ev.
11	10stcu	5stcu	8cu	7.7	2w	1w	0	237.6	"	
12	0	1cu	0	0.3	0	0	0	69.8	slight	
13	0	0	0	0.0	0	1s	0	45.9	"	D.a.m.
14	10st	8ci	0	6.0	0	0	0	165.1	calm	thin M. a.m.
15	10st	10st	10st	10.0	1s	2s	0	281.1	slight	" F. " p.m. eve.
16	9stcu	10st	6stcu	8.3	0	1s	0	71.1	"	" " D " " "
17	10stni	2cu	0	4.0	0	1w	0	155.3	"	" " " "
18	1cu	0	0	0.3	0	1w	1s	154.8	light	" " " "
19	0	0	1cu	0.3	0	0	0	28.4	slight	thin M. a.m.
20	0	0	1cu	0.3	1s	2sw	0	259.3	"	" " " "
21	10stni	7stcu	0	5.7	5sw	0	0	151.1	mod.	S.W.g. a.m.
22	0	2ci	0	0.7	2s	2sw	1s	202.6	rough	
23	0	0	0	0.0	0	0	1s	119.6	light	
24	0	0	0	0.0	1sw	1sw	1sw	46.2	slight	
25	0	10stci	3stcu	4.3	1s	1s	1s	75.8	mod.	
26	1ci	1ci	4ci	2.0	0	0	0	121.5	light	thin M. a.m.
27	1cu	0	0	0.3	0	1n	1s	175.4	slight	" " "
28	0	10ci	2ci	4.0	3sw	1sw	0	442.8	"	" F. "
29	4ci	3ci	8ci	5.0	1w	1w	0	48.0	"	
30	10stcu	7stcu	5stcu	7.3	1sw	1w ²⁶	0	84.7	light	
31	10stcu	7stcu	5cu	7.3	0 ²⁵	1sw	2sw	378.7	"	thin F. a.m.
				3.69	0.8	0.8	0.4	169.32		

Time	NUMBER OF DAILY WIND OBSERVATIONS									Totals
	N	NE	E	SE	S	SW	W	NW	Calm	
8:30	0	0	0	0	6	4	4	0	17	31
14:30	1	0	1	0	5	8	5	0	11	31
20:30	0	0	0	0	6	3	0	0	22	31
Totals	1	0	1	0	17	15	9	0	50	93

Number of days with rain 9, fog 13, thunderstorms 2, gales 3.

50-yr. average number of days with rain during month 10.9

Abbreviations used in "Notes": Fog (F), Thunderstorms (T), Gale (G), Dew (D), Mist (M), Lightning (L).